

APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

Title: PACKAGING CELL LINES FOR GENERATION OF
 HIGH TITERS OF RECOMBINANT AAV VECTORS
 Inventor: James M. ALLEN
 Application No.: 09/731,941
 Docket No.: 226272001403

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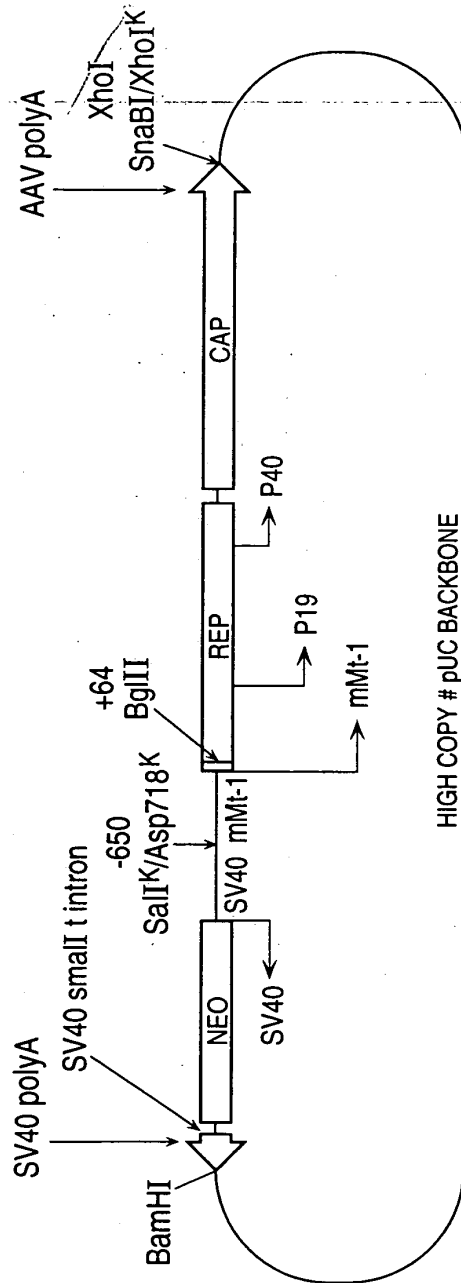
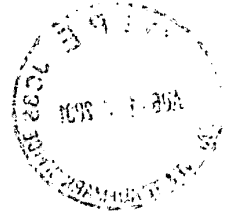


FIG. 1

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	Hela cl37							A549 cl20							Hela		A549		
Adenovirus	+	+	+	+	+	+	-	+	+	+	+	+	+	-	-	+	-	+	
AAVCFTR particles	1.2×10^8	1.2×10^7	1.2×10^6	1.2×10^5	1.2×10^4	1.2×10^3	1.2×10^8	1.2×10^8	1.2×10^7	1.2×10^6	1.2×10^5	1.2×10^4	1.2×10^3	1.2×10^8	-	+	-	+	AAVCFTR plasmid
Lanes	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	

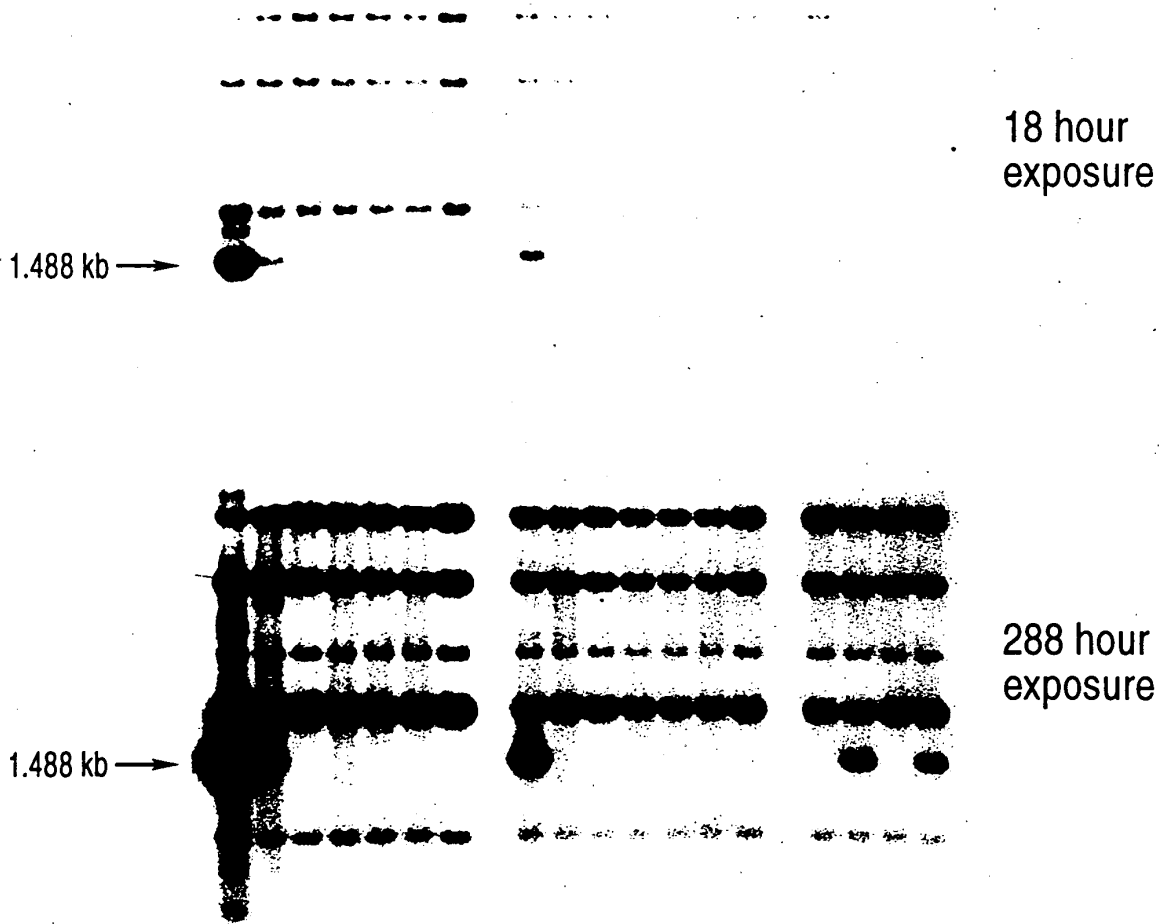


Figure 2

APPROVED	O. G. FIG. 3	
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Adenovirus	-	+	+	+	
AAVCFTR particles	1.2×10^9	1.2×10^9	1.2×10^8	1.2×10^7	
Lanes	1	2	3	4	5



09/731,941-403

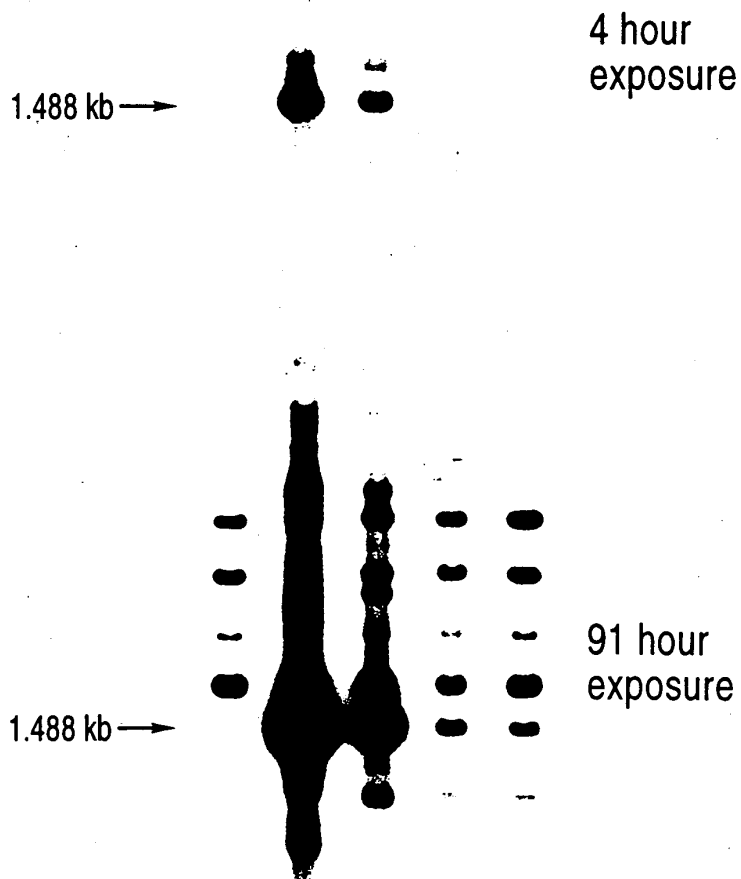


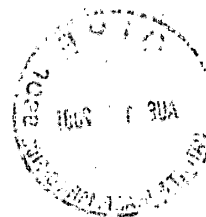
Figure 3

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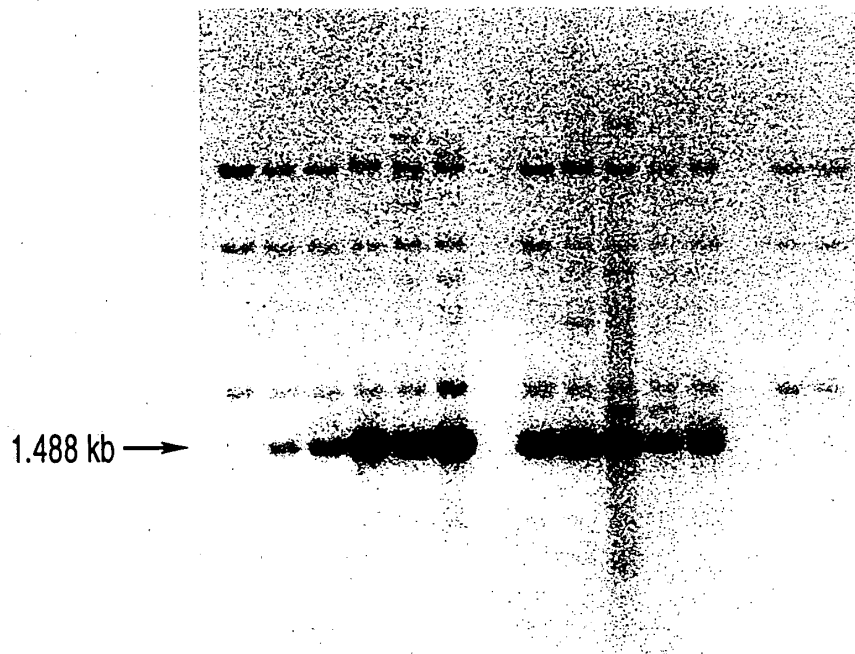
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Adenovirus	-	+	+	+	+	+	t = 48 hours					Control DNA	
	Hours						Ad Mol					-	+
	48	20	24	39	42	48	0.1	0.5	1.0	5.0	25.0	-	+
Lanes	1	2	3	4	5	6	7	8	9	10	11	12	13



1.488 kb →

15.5 hour exposure

Figure 5

APPROVED	O.G. FIG.	
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+ 10⁹ AAVCFTR Particles

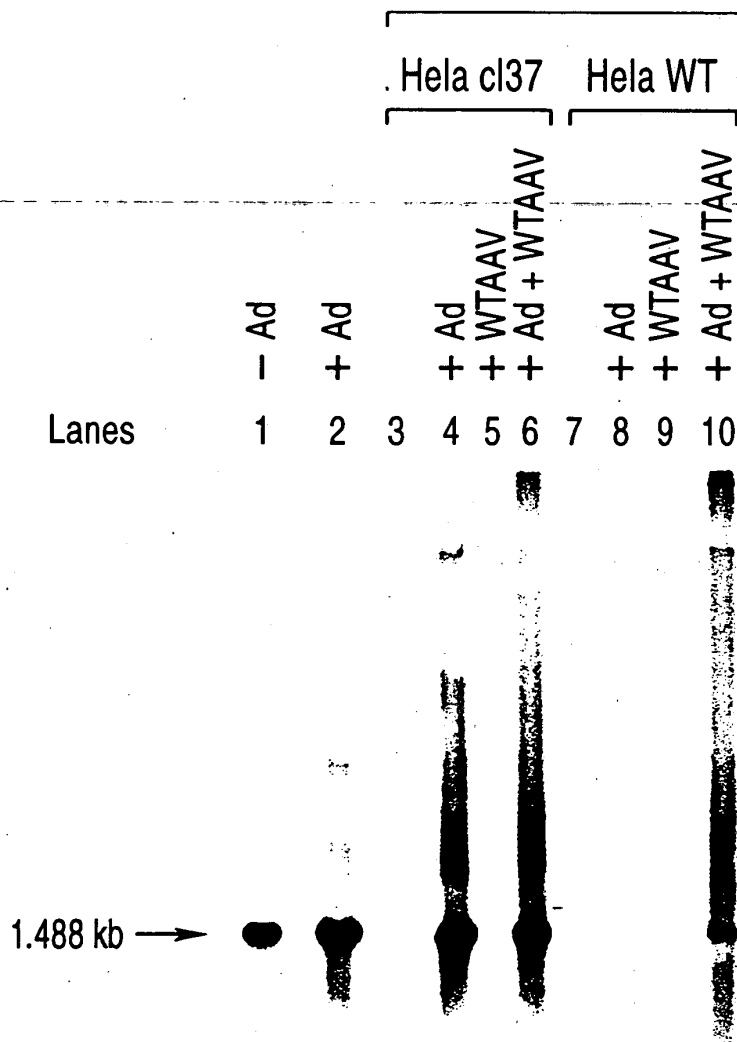


Figure 6

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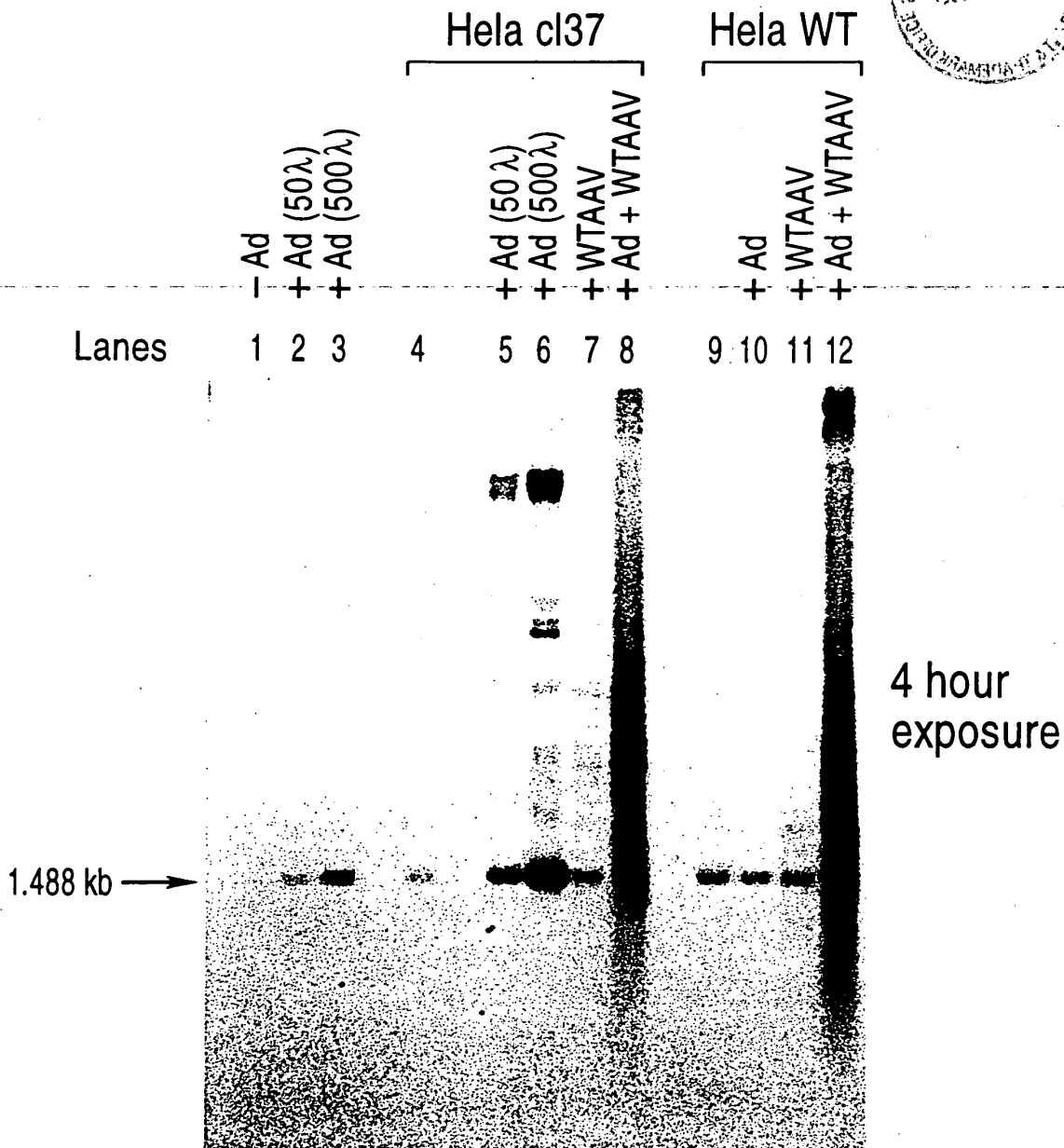


Figure 7

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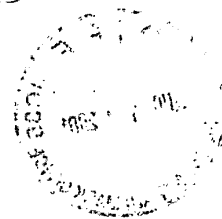
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WT AAV	-	-	-	+
Adenovirus	-	-	+	+
AAV CMV hygro	-	+	+	+
Lanes	1	2	3	4



09/731,941-081704

1.488 kb →



Figure 8